

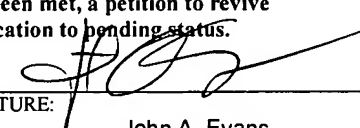
FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 21910-00006-US2
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 60/33,222
INTERNATIONAL APPLICATION NO. PCT/IB02/05789	INTERNATIONAL FILING DATE 31 December 2002	PRIORITY DATE CLAIMED 31 December 2001	
TITLE OF INVENTION FUNCTIONAL INACTIVATION OF CXCR4-MEDIATED RESPONSES IN GROWTH HORMONE TRANGENIC MICE THROUGH SOCS3 UPREGULATION			
APPLICANT(S) FOR DO/EO/US Carlos Martínez-Alonzo et al.			

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☒ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 60/343,222		INTERNATIONAL APPLICATION NO. PCT/IB02/05789		ATTORNEY'S DOCKET NUMBER 21910-00006-US2							
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				CALCULATIONS PTO USE ONLY <table style="width: 100%; border: none;"> <tr> <td style="width: 60%; border: none;">\$</td> <td style="width: 20%; border: none; text-align: right;">920.00</td> <td style="width: 20%; border: none;"></td> </tr> <tr> <td style="border: none;">\$</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table>		\$	920.00		\$		
\$	920.00										
\$											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE								
Total claims	12-20 =		x	\$	0.00						
Independent claims	4-3 =	1	x	\$	86.00						
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$							
TOTAL OF ABOVE CALCULATIONS =				\$	1,006.00						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½				\$							
SUBTOTAL =				\$	1,006.00						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$							
TOTAL NATIONAL FEE =				\$	1,006.00						
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$						
TOTAL FEES ENCLOSED =				\$	1,006.00						
				Amount to be refunded:	\$						
				charged:	\$						
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0185</u> in the amount of \$ <u>1,006.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0185</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.											
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.											
SEND ALL CORRESPONDENCE TO: John A. Evans CONNOLLY BOVE LODGE & HUTZ LLP 1990 M Street, N.W., Suite 800 Washington, DC 20036-3425 (202) 331-7111 CUSTOMER NUMBER: 30678											
				SIGNATURE:  _____ John A. Evans							
				NAME _____ 44,100 REGISTRATION NUMBER							

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Martinez-Alonzo et al

Application No.:

Art Unit:

Filed:

Examiner:

For: Functional Inactivation of CXCR4-Mediated
Responses in Growth Hormone Transgenic Mice
through SOCS3 Upregulation

STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

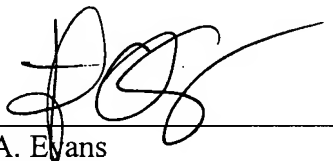
Dear Sir:

A sequence listing accompanies the above-captioned new application. Both a paper copy and a CRF copy are provided. The contents of these copies are identical.

The sequence listing merely sets forth the sequences present in the original disclosure at page 23, lines 17 and 19 and is not believed to contain any new matter.

Dated: June 30, 2004

Respectfully submitted,

By 
John A. Evans

Registration No.: 44,100
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